



ENGINEERING CONSULTANTS, INC.

P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Rd. • Greensboro, N.C. 27409 • (919) 668-0093

February 27, 1992

Mr. James Berry
Parks Chevrolet-Geo
Post Office Box 386
Kernersville, North Carolina 27284

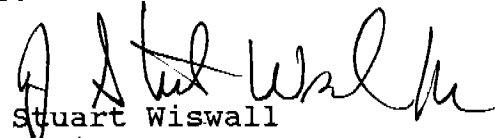
Dear Mr. Berry:

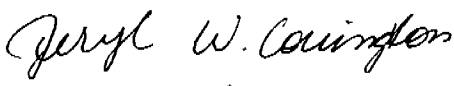
Please find enclosed our tank closure report documenting work performed, analytical results and recommendations pursuant to our proposal 015-91-276-P.


Trigon Engineering Consultants, Inc. appreciates this opportunity to be of assistance to Parks Chevrolet-Geo in this matter. Should you have questions or concerns regarding this report, or in the event we may be of assistance in the future, please contact us at your convenience.

Very truly yours,

TRIGON ENGINEERING CONSULTANTS, INC.

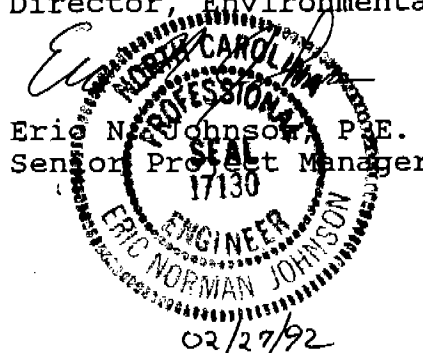

J. Stuart Wiswall
Geologist


Jeryl W. Covington
Environmental Engineer


Kirk L. Rife
Director, Environmental Affairs


Eric Norman Johnson, P.E.
Senior Project Manager

JSW:JWC:KLR:ENJ:ejm
Enclosures



**TANK CLOSURE REPORT
PARKS CHEVROLET-GEO
KERNERSVILLE, NORTH CAROLINA
TRIGON JOB NO. 015-91-168**

**PREPARED BY:
TRIGON ENGINEERING CONSULTANTS, INC.
GREENSBORO, NORTH CAROLINA**

FEBRUARY 27, 1992

TABLE OF CONTENTS

Section

- I. INTRODUCTION
- II. BACKGROUND
- III. FIELD INVESTIGATION
- IV. LABORATORY ANALYSIS
- V. CONCLUSIONS

APPENDICES

- A. SITE PLAN
- B. LABORATORY DATA

I. INTRODUCTION

On December 12, 1991, Trigon Engineering Consultants, Inc. was retained by Parks Chevrolet-Geo to conduct a limited phase II environmental site assessment associated with an underground storage tank (UST) removal. The services contracted included the sampling, OVA screening, and laboratory analysis of soils adjacent to and below the UST, as well as the coordination of the excavation contractor, and state and local government agencies.

II. BACKGROUND

Parks Chevrolet-Geo is an automobile dealership located at 615 Highway 66 South in Kernersville, North Carolina. The UST being removed was a bare steel 2,000 gallon unit that had reportedly been installed in 1971. The UST measured approximately 5 feet in diameter by 12 feet long with the top buried to a depth of 2.5 feet. A site location map is presented in Appendix A.

Because of Parks Chevrolet-Geo's intent to immediately upgrade the removed unit with a new, double wall, 3,000 gallon fiberglass coated steel tank, arrangements were made for a 24 hour turnaround on the laboratory analysis of the soil samples.

III. FIELD INVESTIGATIONS

On February 3, 1992, Hardin Pump and Compressor, the excavation contractor, arrived at the site and began preparations for tank removal. A representative of Utility Location Service (ULOCO) arrived at the site and determined that telephone service lines ran directly over the tank. The unavailability of a Carolina Telephone engineer required the job to be delayed pending relocation of the telephone lines.

Activity resumed on February 10, 1992. Approximately 57 cubic yards of soil were removed from the top, along one side, and down one end of the tank. A composite sample (C1) was taken from the original backfill soil and two grab samples (G2 and G3) were taken approximately 2 feet below the tank at each end. The location of the grab samples are indicated on the site plan presented in Appendix A.

The tank was pulled from the ground and visually examined. It was observed to have only minor pitting on the outer layer. No wall penetration or evidence of leaking seams were observed. The tank was removed from the site by Hardin Pump and Compressor for disposal.

The three soil samples collected were placed in laboratory prepared containers, labeled and maintained at 4°C. A Chain of Custody record was initiated and maintained throughout the analysis. The samples were transported to Research and Analytical Laboratories, Inc. by Trigon personnel.

IV. LABORATORY ANALYSIS

Soil samples were analyzed for total petroleum hydrocarbons (TPH) by gas chromatography (GC) utilizing EPA Method 5030. The analysis was performed by Research and Analytical Laboratories, Inc. of Kernersville, North Carolina. The results are presented in Appendix B. No sample tested exhibited TPH in excess of 10 ppm (parts per million).

V. CONCLUSIONS

The State of North Carolina has establish 10 ppm TPH as a level for requiring additional investigation and/or remedial steps. Based on our findings, no additional investigation is recommended with regards to the tank closure. Based on analytical results, the stockpiled soil may be disposed of at the client's discretion.

The final report from this UST closure and a copy of the Site Investigation Report for Permanent Closure or Change-In-Service of UST (Form GW/UST-2) should be submitted to the North Carolina Department of Environment, Health, and Natural Resources, Winston-Salem Regional Office. Trigon will submit this report on the clients' behalf if requested.



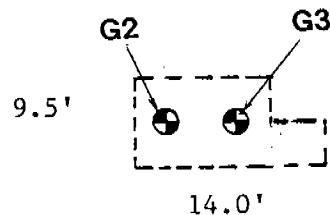
APPENDIX A



NORTH

HIGHWAY 66

PARKS
CHEVROLET
SHOWROOM



INTERSTATE 40

● Soil Sample Location

TRIGON ENGINEERING CONSULTANTS, INC.
GREENSBORO, NORTH CAROLINA

SCALE: N/A

APPROVED BY

DRAWN BY

DATE: 2-14-92

ENT

Parks Chevrolet UST Removal
Kernersville, North Carolina

Soil Sample Location Map

DRAWING NUMBER
015-91-168-1

APPENDIX B



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

Trigon Engineering Consultants
313 Gallimore Dairy Rd.
Greensboro, N.C. 27409
Attn:

Date Sample Collected : 02/10/92
Date Sample Received : 02/10/92
Date Sample Analyzed : 02/11/92
Date of Report : 02/14/92

Analyses Performed by : LC

Job Number : 03870

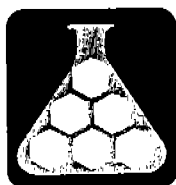
Lab Sample Number

127679
=====

Parameter	Storet #	Results
Hydrocarbons/Gasoline		<10 PPM

EPA METHOD 5030

Clients Sample Source/Number : -----
Time Collected : 2-G
14:40



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

NO CERT #84

Trigon Engineering Consultants
313 Gallimore Dairy Rd.
Greensboro, N.C. 27409
Attn:

Date Sample Collected : 02/10/92
Date Sample Received : 02/10/92
Date Sample Analyzed : 02/11/92
Date of Report : 02/14/92

Analyses Performed by : LC

Job Number : 03870

Lab Sample Number

127680
=====

Parameter	Storet #	Results
Hydrocarbons/Gasoline		<10 PPM

EPA METHOD 5030

Clients Sample Source/Number : 3-G
Time Collected : 14:45



Journal of Management Studies

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Date Sample Collected : 02/10/92
Date Sample Received  : 02/10/92
Date Sample Analyzed   : 02/11/92
Date of Report         : 02/14/92
```

Job Number : 03970

Lab Sample Number

127678

Results

410 FFM

EPA METHOD 5030

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Clients Sample      Source/Number      : C-1 BACKFILL
                   Time Collected   : 12:5

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